



NITFS

Compliance Registration



Product: Environment For Visualizing Images (ENVI), Version 4.4,

Sponsor: Dated October 11, 2007

Developer: ITT Visual Information Solutions

Developer:

ITT Visual Information Solutions

Date: 21 October 2010

Expiration: 20 October 2011

Registration #: 2078

☐ Initial Registration
☐ Supplemental/Update #
☒ Derived from Reg. # 2061

System

N-0105/98, §4.1.1

NITFS Features Implemented:

Product

N-0105/98, §4.1.2

Component

N-0105/98, §4.1.3

| Complexity Level | | | | | | | |
|------------------|---|---|---|---|---|---|-----|
| NITF 2.1 CLEVEL | | | | | | | |
| | 3 | 5 | 6 | 7 | | | |
| Interpret | | | | | | | |
| Generate | | | | | | | |
| NITF 2.0 CLEVEL | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | Oth |
| Interpret | | | | | | | |
| Generate | | | | | | | |

Configurations Tested:

- Windows XP Professional 2002 SP2 and Solaris 9

Format

- ☒ NITF
- ☒ V2.1
- ☒ V2.0
- ☒ V1.1
- ☒ NSIF
- ☒ V1.0

Pixel Value Types

- ☒ Boolean
- ☒ Integer
- ☒ Signed Integer *
- ☒ IEEE Real *
- ☒ IEEE Complex *

Annotation Segment Types

- ☒ Bit Mapped **
- ☒ CGM, 2301
- ☒ CGM, 2301A
- ☒ Labels **

Text Segments

- ☒ TTA
- ☒ TT1
- ☒ T8S
- ☒ TMT

Image Segment Types

- ☒ MONO
- ☒ RGB
- ☒ RGB/LUT
- ☒ YCbCr
- ☒ MULTI
- ☒ MODISPLY
- ☒ POLAR

Image Compression

- ☒ Not Compressed
- ☒ JPEG Lossy, 8-bit
- ☒ JPEG Lossy, 12-bit
- ☒ JPEG Downsample
- ☒ JPEG Lossless
- ☒ J2000
- ☒ BiLevel
- ☒ Vector Quantization
- ☒ Multispectral JPEG, Individual Band

Data Extension Segments

- ☒ TRE_OVERFLOW
- ☒ STREAMING_FILE_HEADER
- ☒ Controlled Extensions **
- ☒ Registered Extensions **

Tagged Record Extensions

- ☒ BANDSB
- ☒ CSDE
- ☒ DIGEST GeoSDE*
- ☒ ICHIPB
- ☒ IOMAPA
- ☒ J2KLRA
- ☒ NCDRD
- ☒ NSDE
- ☒ PIAE
- ☒ RPC00B

Interpret
Generate

Legend

- ☒ Fully implemented
- ☒ Partially implemented
- ☒ Not implemented

BRENT L. SNYDER, Lt Col, USAF, Division
Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
product for the intended use. Optional NITFS features may not be implemented.